

Message Text

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ORIGIN DOE-11

INFO OCT-01 EUR-12 ISO-00 OES-07 IO-13 ACDA-12 SOE-02
NRC-05 CIAE-00 INR-10 L-03 NSAE-00 NSC-05 EB-08
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FM SECSTATE WASHDC
TO AMEMBASSY VIENNA PRIORITY

C O N F I D E N T I A L STATE 054174

USIAEA

E.O. 11652: GDS

TAGS: ENRG, TECH, IAEA

SUBJECT: TRANSFER OF IAEA SAFEGUARDS ANALYTICAL LABORATORY
(SAL) RESIDUES

REF: A) 77 VIENNA 9936 B) 77 VIENNA 1136

1. MISSION MAY ADVISE IAEA THAT U.S. IS PREPARED TO ACCEPT,
FOR A TEN-YEAR PERIOD BEGINNING JANUARY 1978, SAFEGUARDS
ANALYTICAL LABORATORY PLUTONIUM-BEARING RESIDUES UP TO MAXI-
MUM OF APPROXIMATELY 500 GRAMS OF CONTAINED PLUTONIUM
ANNUALLY, SUBJECT TO UNDERSTANDINGS OUTLINED PARAS 3-6
BELOW. THESE RESIDUES RESULT PRIMARILY FROM CHEMICAL ANALY-
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SES BY SAL OF SAMPLES TAKEN BY IAEA INSPECTORS TO VERIFY
NUCLEAR MATERIALS FOR SAFEGUARDS PURPOSES AND ANALYSES FOR
QUALITY ASSURANCE PURPOSES OF PLUTONIUM-BEARING STANDARD
REFERENCE MATERIALS PROVIDED TO SAL UNDER THE U.S. SAFE-
GUARDS ANALYTICAL LABORATORY EVALUATION PROGRAM (SALE) AS
WELL AS ANALYSES FOR OTHER RELATED PURPOSES SUCH AS TECH-
NIQUE DEVELOPMENT AND OPERATION TRAINING.

2. U.S. ACCEPTANCE OF RESIDUES IS CONSIDERED APPROPRIATE IN LIGHT OF FOLLOWING FACTORS: (A) SUPPORT OF IAEA SAFEGUARDS SYSTEM IS MAJOR ELEMENT IN U.S. NON-PROLIFERATION POLICY; (B) SAL OPERATION IS CRUCIAL TO IAEA SAFEGUARDS SYSTEM;

(C) U.S. ACCEPTANCE OF RESIDUES APPEARS TO BE ONLY SOLUTION TO DISPOSAL PROBLEM--WHICH IS DELAYING THE OPERATION OF SAL FOR PLUTONIUM SAMPLE ANALYSES; (D) U.S. ACCEPTANCE OF RESIDUES, THEREFORE, WILL PROMOTE OBJECTIVES OF U.S. TECHNICAL SAFEGUARDS SUPPORT PROGRAM (ISPO) AND CAN APPROPRIATELY BE ARRANGED IN CONTEXT OF ISPO ACTIVITIES BEING CONDUCTED UNDER DOE(SS) DIRECTION AT DOE FACILITIES; (E) SINCE QUANTITY OF PLUTONIUM INVOLVED WILL BE VERY SMALL IN RELATION TO TOTAL WASTES HANDLED BY DOE FACILITIES, ACCEPTANCE OF THIS MATERIAL WILL NOT INVOLVE ANY SIGNIFICANT ENVIRONMENTAL IMPACT OR ANY SIGNIFICANT INCREASE IN COST OR DIFFICULTY OF DOE WASTE MANAGEMENT OPERATIONS; AND (F) DOE IS AUTHORIZED TO ACQUIRE THIS MATERIAL PURSUANT TO SECTION 55 OF ATOMIC ENERGY ACT OF 1954 AS AMENDED.

3. MATERIAL WOULD BE DELIVERED TO DOE FACILITY TO BE DESIGNATED BY DOE (THIS WOULD BE EITHER RICHLAND OR SAVANNAH RIVER) IN SOLID FORM AND PACKAGED AND SHIPPED IN MANNER CONFORMING TO DOE REQUIREMENTS AND ANY APPLICABLE U.S. REGULATIONS AND ANY PARTICULAR REQUIREMENTS OF DESIGN-
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NATED FACILITY. (NOTE: SHIPMENT MUST BE BY SURFACE IN ACCORD WITH US AND DOE REGULATIONS REGARDING SHIPMENTS CONTAINING PLUTONIUM).

4. U.S. WOULD DISPOSE OF AS WASTE ALL SAL PLUTONIUM-BEARING RESIDUES RECEIVED, I.E., WOULD NOT USE FOR ANY PURPOSE WHATSOEVER ANY RESIDUES RECEIVED, EVEN THOSE WHICH MIGHT BE TRANSMITTED BY REF B. INDICATED WOULD BE EASILY RE-USABLE. CONSEQUENTLY, NO REPEAT NO REQUIREMENT FOR IAEA SAFEGUARDS IN U.S. WOULD BE APPROPRIATE.

5. IAEA WOULD PAY ALL PACKING, SHIPPING, AND ANY OTHER COSTS INVOLVED IN DELIVERY OF MATERIAL TO DOE-DESIGNATED FACILITY.

6. ISPO IS AVAILABLE TO HELP IF NECESSARY AS THE U.S. CONTACT FOR ARRANGEMENTS FOR TRANSFER BY IAEA OF RESIDUES FROM SAL TO THE DESIGNATED DOE DISPOSAL FACILITY.

7. UPON DEPARTMENT'S RECEIPT OF ADVICE THAT FOREGOING UNDERSTANDINGS ARE ACCEPTABLE TO IAEA, ISPO WILL CONTACT IAEA TO DEVELOP DETAILS. CHRISTOPHER

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Message Attributes

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